SUBMISSION ID: 639122

FACILITY: Dovetail Energy LLC - Anaerobic

Digestion Facility
LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 581

MONITORING PERIOD:

**REPORTING LAB:** 

2016-12-01 To: 2016-12-31 MASI Environmental Services

ANALYST: N/A

PARAMETER	Biochemical Oxygen	рН	Oil and Grease, Hexane Extr	O DISCHARGE II Ammonia (NH3) In Sludge		Phosphorus, Total In Sludge	Potassium In
	Demand, 5 Day		Method	in Siuage	In Sludge	rotal in Sludge	Sludge
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING	C	C	C	C	C	C	6
TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2016-12-01							
2016-12-02							
2016-12-03							
2016-12-04							
2016-12-05							
2016-12-06		***************************************					
2016-12-07							
2016-12-08							
2016-12-09							
2016-12-10							
2016-12-11							
2016-12-12				***************************************		<b></b>	
2016-12-13	1.1000			MO 400			
2016-12-14	14000	7.66	18500	58400	99800	34600	12900
2016-12-15							
2016-12-16 2016-12-17		***************************************	<b>_</b>			<b></b>	<u> </u>
2016-12-18	***************************************	vannetoannessaannessaannessaannessaannessaan		***************************************	***************************************	***************************************	
2016-12-18							
2016-12-29							
2016-12-21							
2016-12-22			<b>-</b>				<b>-</b>
2016-12-23							<b></b>
2016-12-24							
2016-12-25							
2016-12-26							
2016-12-27		***************************************					
2016-12-28							
2016-12-29							
2016-12-30							
2016-12-31							
Minimum	14000.0	7.66	18500.0	58400.0	99800.0	34600.0	12900.0
Maximum	14000.0	7.66	18500.0	58400.0	99800.0	34600.0	12900.0
Average	14000	***************************************	18500	58400	99800	34600	12900
Count	1	1	1	1.	1	1	1
Name of Resp	onsible I certif	v under the pe	nalty of law that	I Signature o	f Responsible (	Official or	Submission
Official or Aut	:horized have p	ersonally exam		_ Authori	ized Represent	ative	Date/Time
Representa		r with the info					
	submit	ted herein and	based on my				
		of those indiv			500050000000000000000000000000000000000		***************************************
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		formation, inc		1			
000000000000000000000000000000000000000	possibi	lity of fine and	l imprisonment.		000000000000000000000000000000000000000		***************************************

SUBMISSION ID: 639122

FACILITY: Dovetail Energy LLC - Anaerobic

LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 58.
MONITORING PERIOD:

REPORTING LAB: 2016-12-01 To: 2016-12-31 MASI Environmental Services

ANALYST: N/A

PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total In Sludge	Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month 1/Month		1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite			Composite
2016-12-01							
2016-12-02							
2016-12-03							
2016-12-04							
2016-12-05							
2016-12-06							
2016-12-07	***********************************					************************************	
2016-12-08							
2016-12-09	***************************************			***************************************		***************************************	
2016-12-10							<b>_</b>
2016-12-11							<b>_</b>
2016-12-12							
2016-12-13			200		16	500	
2016-12-14 2016-12-15	9	1	390	66	16	580	4
2016-12-15							<b>-</b>
2016-12-16	***************************************	***************************************		***************************************		*******************************	
2016-12-17							
2016-12-18			<b></b>				<b>-</b>
2016-12-20							
2016-12-21	***************************************	***************************************				***************************************	
2016-12-22							
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2016-12-24	***************************************	***************************************	***************************************	***************************************		***************************************	
2016-12-25							
2016-12-26							
2016-12-27							
2016-12-28							
2016-12-29							
2016-12-30				***************************************			
2016-12-31							
Minimum	9.0	1.0	390.0	6.0	16.0	580.0	4.0
Maximum	9.0	1.0	390.0	6.0	16.0	580.0	4.0
Average	9	1	390	6	16	580	4
Count	1	1		1	1	1	1
Name of Resp Official or Aut Representa	<b>horized <sub>have p</sub> itive</b> familia	y under the per ersonally exami r with the infor ted herein and	mation		f Responsible ( ized Representa		Submission Date/Time
Taylo Faech	inquiry immed the inf submit and co are sig false in	of those indivi iately responsil ormation, I beli- ted information mplete. I am aw	duals  ble for obtaining  eve the  is true, accurate  vare that there  es for submitting  uding the	е			Certification Version Date 2017-01- 19 12:01

SUBMISSION ID: 639122

FACILITY: Dovetail Energy LLC - Anaerobic

LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 58.
MONITORING PERIOD:

REPORTING LAB: 2016-12-01 To: 2016-12-31 MASI Environmental Services

ANALYST: N/A

PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Sludge Solids, Percent Total	Mercury, Total In Sludge	Molybdenum Sludge	In
PARAMETER CODE	31641	51129	70316	70318	71921	78465	
UNITS	MPN/G	dry tons	Dry Tons	%	mg/kg	mg/kg	
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	
SAMPLING TYPE	Composite	Total	Total	Composite	Composite	Composite	
2016-12-01							
2016-12-02						1	
2016-12-03							
2016-12-04							
2016-12-05							
2016-12-06							
2016-12-07							
2016-12-08							
2016-12-09		***************************************		***************************************	<b></b>		
2016-12-10							
2016-12-11					<b></b>		
2016-12-12							
2016-12-13					· · · · · · · · · · · · · · · · · · ·		
2016-12-14	22900	684	684	6.48	.03	9	
2016-12-15			<b>_</b>			<b></b>	
2016-12-16			<u> </u>			<b></b>	
2016-12-17			<b>_</b>				
2016-12-18					<b></b>		
2016-12-19	<b> </b>		<b>.</b>		<b></b>	<b></b>	
2016-12-20		***************************************			<b></b>		
2016-12-21			<b>_</b>		<b></b>	<b> </b>	
2016-12-22			<u> </u>				
2016-12-23				***************************************	<b></b>	<b> </b>	
2016-12-24	<b></b>		<u> </u>			<b>!</b>	
2016-12-25 2016-12-26	<b></b>		<b>.</b>		<b></b>	<b>!</b>	
2016-12-27			<u> </u>			<del> </del>	
2016-12-27			<b>_</b>			<b>!</b>	
2016-12-29	<b></b>		<del> </del>		<b></b>	<del> </del>	<b></b>
2016-12-30			<b>-</b>			<b></b>	
2016-12-31							
Minimum	22900.0	684.0	684.0	6.48	0.03	9.0	
***************************************	@aaaaaaaaaaaaaaaaaaaaaa	684.0	684.0	000000000000000000000000000000000000000	0.03	9.0	
Maximum	22900.0 22900	684	684.0	6.48 6.48	0.03	9.0 9	
Average	ģ	************************************			<u> </u>	ģ.	
Count	1	1	1	1	1		
Name of Resp	onsible I certify	y under the pe	nalty of law that		f Responsible		Submission Date/Time
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			ible for obtaining	}			Certification
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	and sign			9			19 12:01
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SUBMISSION ID: 639122

FACILITY: Dovetail Energy LLC - Anaerobic

**LOCATION:**Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 584
MONITORING PERIOD:

2016-12-01 To: 2016-12-31
REPORTING LAB: MASI Environmental Services

ANALYST: N/A

NO DISCHARGE INDICATOR: **Biochemical** Oil and Grease, Nitrogen Ammonia (NH3) Phosphorus, Potassium In **PARAMETER** Kjeldahl, Total Oxygen рΗ **Hexane Extr** Total In Sludge In Sludge Sludge Demand, 5 Day Method In Sludge **PARAMETER** 00310 00400 00552 00611 00627 00668 00938 CODE UNITS S.U. mg/l mg/kg mg/kg mg/l mg/kg mg/kg FREQUENCY 1/Month 1/Month 1/Month 1/Month 1/Month 1/Month 1/Month **SAMPLING** Composite Composite Composite Composite Composite Composite Composite TYPE 2016-12-01 2016-12-02 2016-12-03 2016-12-04 2016-12-05 2016-12-06 2016-12-07 2016-12-08 2016-12-09 2016-12-10 2016-12-11 2016-12-12 2016-12-13 2016-12-14 14000 7.66 18500 9 58400 34600 12900 2016-12-15 2016-12-16 2016-12-17 2016-12-18 2016-12-19 2016-12-20 2016-12-21 2016-12-22 2016-12-23 2016-12-24 2016-12-25 2016-12-26 2016-12-27 2016-12-28 2016-12-29 2016-12-30 2016-12-31 Minimum 14000.0 7.66 18500.0 58400.0 34600.0 12900.0 9.0 14000.0 7.66 18500.0 58400.0 34600.0 12900.0 Maximum 9.0 Average 14000 18500 9 58400 34600 12900

Count	1		1	1	1	1	1		1
Name of Resp Official or Auti Representa	horized itive	have p familia submit	ersonally exami r with the infor ted herein and	mation based on my	I Signature o Authori	f Responsible ( zed Represent	Official or ative	,	Submission Date/Time
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SUBMISSION ID: 639122

FACILITY: Dovetail Energy LLC - Anaerobic

LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 584 MONITORING PERIOD:

REPORTING LAB: 2016-12-01 To: 2016-12-31 MASI Environmental Services

ANALYST: N/A

PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total In Sludge	Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month 1/Month		1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite			Composite
2016-12-01							
2016-12-02							
2016-12-03							
2016-12-04							
2016-12-05							
2016-12-06							
2016-12-07	***********************************					************************************	
2016-12-08							
2016-12-09	***************************************			***************************************		***************************************	
2016-12-10							<b>_</b>
2016-12-11							<b>_</b>
2016-12-12							
2016-12-13			200		16	500	
2016-12-14 2016-12-15	9	1	390	66	16	580	4
2016-12-15							<b>-</b>
2016-12-16	***************************************	***************************************		***************************************		***************************************	
2016-12-17							
2016-12-18			<b></b>				<b>-</b>
2016-12-20							
2016-12-21		***************************************				***************************************	
2016-12-22							
2016-12-23							
2016-12-24	***************************************	***************************************	***************************************	***************************************		***************************************	
2016-12-25							
2016-12-26							
2016-12-27							
2016-12-28							
2016-12-29							
2016-12-30				***************************************			
2016-12-31							
Minimum	9.0	1.0	390.0	6.0	16.0	580.0	4.0
Maximum	9.0	1.0	390.0	6.0	16.0	580.0	4.0
Average	9	1	390	6	16	580	4
Count	1	1		1	1	1	1
Name of Resp Official or Aut Representa	<b>horized <sub>have p</sub> itive</b> familia	y under the per ersonally exami r with the infor ted herein and	mation		f Responsible ( ized Representa		Submission Date/Time
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SUBMISSION ID: 639122

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility
LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 584
MONITORING PERIOD:

REPORTING LAB: 2016-12-01 To: 2016-12-31 MASI Environmental Services

ANALYST: N/A

PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Mercury, Total In Sludge	Molybdenum In Sludge		
PARAMETER CODE	31641	51129	70316	71921	78465		
UNITS	MPN/G	dry tons	Dry Tons	mg/kg	mg/kg		
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month		
SAMPLING TYPE	Multiple Grab	Total	Total	Composite	Composite		
2016-12-01		000000000000000000000000000000000000000				000000000000000000000000000000000000000	
2016-12-02							
2016-12-03							
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2016-12-09		***************************************	<b></b>			***************************************	
2016-12-10			<b>_</b>				
2016-12-11	<b></b>		<b>-</b>	<b> </b>	<b></b>		
2016-12-12							
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2016-12-26							
2016-12-27							
2016-12-28		***************************************					
2016-12-29			1				
2016-12-30							
2016-12-31							
Minimum	22900.0	0.0	0.0	0.03	9.0		
Maximum	22900.0	0.0	0.0	0.03	9.0	000000000000000000000000000000000000000	000000000000000000000000000000000000000
Average	22900	0	0	0.03	9		
Count	1	1	1 1	1	1	000000000000000000000000000000000000000	
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Official or Aut	horized have pe	y under the pe ersonally even	naity of iaw tiidl nined and am		ized Representa		Date/Time
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SUBMISSION ID: 639122

FACILITY: Dovetail Energy LLC - Anaerobic

Digestion Facility
LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 586
MONITORING PERIOD:

REPORTING LAB: 2016-12-01 To: 2016-12-31 MASI Environmental Services

ANALYST: N/A
NO DISCHARGE INDICATOR: AL

PARAMETER	Sludge Fee			T			T			T				П			
	Weight			4			4			4				<b>Ļ</b>			
PARAMETER CODE	51129			I			l			ı				ı			
UNITS	dry tons			T			T			7				Г			
FREQUENCY	1/Year			Т			Т			7							
SAMPLING	<b></b> 1			T			T			7							
TYPE	Total			1			ı			1							
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2016-12-16 2016-12-17				╬			╀			┩				╀			
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2016-12-18			<b></b>	╬			╁			┥				╂			
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2016-12-23				╁			╁			1				1-			
2016-12-24			***************************************	╁		*************	╁			┪				<b>-</b>	*********	**********	
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2016-12-27				i			Ť			T				T			
2016-12-28				T			1			┪				T			
2016-12-29				T			T			7				1			
2016-12-30							T										
2016-12-31				T			T			T							
Minimum				T	***************************************		T			T			***************************************	T			
Maximum	000000000000000000000000000000000000000	000000000000000000000000000000000000000		-	000000000000000000000000000000000000000	***************************************		2000000000000	***************************************	T	2000000000000		000000000000000		00000000000000	0000000000	00000000
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Official or Auth	orized have	personally exam	ined and am		l	Autho	rize	d Re	prese	nta	itive			Da	te/Tin	ne	
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SUBMISSION ID: 639122

FACILITY: Dovetail Energy LLC - Anaerobic

LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 588
MONITORING PERIOD:

REPORTING LAB: 2016-12-01 To: 2016-12-31 MASI Environmental Services

ANALYST: N/A

			, , ,	D DISCHARGE IN	upical oni		
PARAMETER	Sludge Weight						
PARAMETER CODE	70316						
UNITS	Dry Tons						
FREQUENCY	1/Year						
SAMPLING							
TYPE	Total						
2016-12-01	000000000000000000000000000000000000000	000000000000000000000000000000000000000		***************************************	000000000000000000000000000000000000000	000000000000000000000000000000000000000	
2016-12-02							
2016-12-03	***************************************						
2016-12-04							
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2016-12-09	***************************************			***************************************			
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2016-12-16	***************************************	***************************************		***************************************			
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2016-12-28	•••••						
2016-12-29							
2016-12-30							
2016-12-31	***************************************		***************************************	***************************************		000000000000000000000000000000000000000	
Minimum	1143.0						
Maximum	1143.0						
Average	1143			***************************************			
Count	1						
Name of Responsible Official or Authorized Representative I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my				I Signature o Authori	Submission Date/Time		
inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				е			Certification Version Date 2017-01- 19 12:01

**FACILITY:**Dovetail Energy LLC - Anaerobic Digestion Facility

LOCATION: 1146 Herr Rd

PERMIT NUMBER:
MONITORING PERIOD:

1IN00305\*AD

2016-12-01 To: 2016-12-31

Fairborn, OH 45324

#### **PARAMETER COMMENTS:**

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
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